



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

BY ELECTRONIC AND REGULAR MAIL

September 13, 2011

Ms. Claire Holtzapple
U.S. Department of Energy
Livermore Environmental Programs Division
Lawrence Livermore National Laboratory
P.O. Box 808, L-574
Livermore, California 94551

Re: EPA Concurrence with Remedial Action Completion of OU5
Lawrence Livermore National Laboratory Site 300

Dear Ms. Holtzapple:

Thank you for the final submittal of the *Remedial Action Completion Report (RACR) for the Building 850 / Pit 7 Complex Operable Unit 5 (OU5) at Lawrence Livermore National Laboratory (LLNL) Site 300* dated September 2011. The remedy for this OU was selected jointly by DOE and EPA with the concurrence of the State agencies in the Site-Wide Record of Decision (ROD) (July 2008). The remedy consists of the following constructed components:

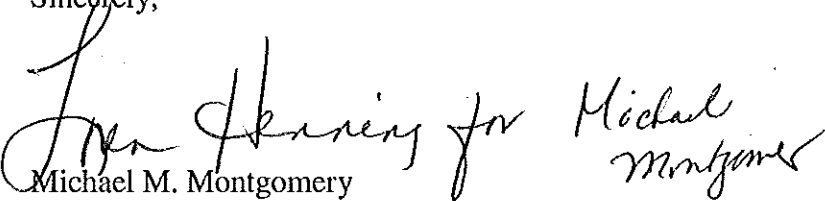
- Pit 7 Complex Drainage Diversion System to collect and divert shallow groundwater and surface water away from the pits (completed April 2008).
- Pit 7 Complex Source groundwater extraction and treatment system to remove uranium, nitrate, perchlorate and VOCs from groundwater (completed March 2010).
- Pit 7 Complex Infiltration Trench for discharge of treated groundwater (completed March 2010).
- Building 850 Corrective Action Management Unit (CAMU) containing solidified soil contaminated with PCBs, dioxins and furans.

In addition, institutional controls are in place to prevent exposure to contaminated groundwater and surface water until cleanup standards have been met, control construction and other activities to prevent damage to the caps/covers on the pits and the CAMU, and prohibit transfer of contaminated land for unrestricted use.

In July 2010, inspection of the remedial components was conducted on behalf of EPA by TechLaw, Inc. and documented in a report *Inspection of Operable Unit 5 Remedies* dated August 26, 2010. The remedies were constructed in accordance with the ROD and the approved remedial design reports, and are operational and functional. Continued monitoring and Five-Year Reviews will enable DOE to optimize the long-term groundwater remedy as needed and agreed upon by EPA and the state agencies.

EPA looks forward to continuing to work with DOE on this Site. If you have any questions about the above, please call Kathy Setian at (415) 972-3180.

Sincerely,


Michael M. Montgomery
Assistant Director, Superfund Division
Federal Facilities and Site Cleanup Branch

cc by EMail: Leslie Ferry, LLNL
Jacinto Soto, DTSC
Marcus Pierce, CVRWQCB
Karla Brasaemle, TechLaw Inc.